

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\
 Data File : VU032218.D
 Acq On : 22 May 2019 13:22
 Operator : JC/SP
 Sample : VSTD00509
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: May 23 01:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	394274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	185304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107551	3.48	ug/L	0.00
7) Chloroethane-d5	1.68	69	105617	3.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	208880	4.14	ug/L	0.00
20) 2-Butanone-d5	4.20	46	318306	49.50	ug/L	0.00
24) Chloroform-d	4.64	84	287653	4.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	155267	5.11	ug/L	0.00
32) Benzene-d6	5.33	84	570543	4.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	180491	5.06	ug/L	0.00
41) Toluene-d8	7.56	98	569626	5.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	74431	5.65	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	290300	50.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	181300	5.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	257349	6.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	87247	4.560	ug/L 100
3) Chloromethane	1.32	50	81039	4.360	ug/L 100
5) Vinyl chloride	1.40	62	88573	4.538	ug/L 100
6) Bromomethane	1.63	94	53923	4.745	ug/L 100
8) Chloroethane	1.70	64	52794	4.360	ug/L 100
9) Trichlorofluoromethane	1.88	101	114887	4.771	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	71229	4.499	ug/L 100
12) 1,1-Dichloroethene	2.28	96	70347	4.536	ug/L 100
13) Acetone	2.34	43	96052	45.565	ug/L 100
14) Carbon disulfide	2.47	76	223293	4.515	ug/L 100
15) Methyl Acetate	2.63	43	24566	4.093	ug/L 100
16) Methylene chloride	2.70	84	78360	4.231	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	162881	4.476	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	74713	4.523	ug/L 100
19) 1,1-Dichloroethane	3.44	63	122151	4.635	ug/L 100
21) 2-Butanone	4.29	43	152651	50.261	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	75834	4.639	ug/L 100
23) Bromochloromethane	4.54	128	34479	4.839	ug/L 100
25) Chloroform	4.67	83	131840	4.668	ug/L 100
27) 1,2-Dichloroethane	5.40	62	75335	4.638	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	105747	4.611	ug/L 100
30) Cyclohexane	4.98	56	98284	4.667	ug/L 100
31) Carbon tetrachloride	5.13	117	91656	4.695	ug/L 100
33) Benzene	5.38	78	279707	4.667	ug/L 100
34) Trichloroethene	6.18	95	74887	4.623	ug/L 100
35) Methylcyclohexane	6.41	83	108940	4.639	ug/L 100
37) 1,2-Dichloropropane	6.43	63	64576	4.416	ug/L 100
38) Bromodichloromethane	6.75	83	85961	4.587	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	97453	4.794	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	342176	49.793	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	313830	4.967	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	76054	4.812	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	50096	4.628	ug/L	100
47) Tetrachloroethene	8.22	164	59179	4.817	ug/L	100
48) 2-Hexanone	8.36	43	263888	49.761	ug/L	100
49) Dibromochloromethane	8.47	129	59505	4.725	ug/L	100
50) 1,2-Dibromoethane	8.58	107	48182	4.648	ug/L	100
51) Chlorobenzene	9.12	112	190856	4.772	ug/L	100
52) Ethylbenzene	9.25	91	303379	4.803	ug/L	100
53) m,p-Xylene	9.37	106	114266	4.750	ug/L	100
54) o-Xylene	9.77	106	111430	4.824	ug/L	100
55) Styrene	9.79	104	191410	4.896	ug/L	100
56) Isopropylbenzene	10.16	105	285998	4.854	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	60735	4.521	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	42487	4.570	ug/L	100
61) Bromoform	9.95	173	32852	4.744	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	134853	4.685	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	144582	4.780	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	142199	4.834	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	8727	4.628	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	107616	4.969	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	77690	5.184	ug/L	100
69) Naphthalene	13.74	128	98921	4.351	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	77152	5.076	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

